

"GAS" SHOULD HAVE CONTINUOUS CHAIN OF BOILING POINTS

High quality gasoline should give easy starting, quick and smooth acceleration, dependable power and long mileage. Only straight-distilled, all-refinery fuel can give these results because only such gasoline has a continuous chain of boiling points rising gradually from the low to the high.

It is essential for easy starting that the gasoline used have a certain percentage of low boiling points. These will evaporate and volatilize quickly, even when the engine is cold. An intermediate series of boiling points is necessary for rapid, smooth pick-up, but without the low boiling points the vaporization of the intermediate series would be difficult.

For full power and long mileage even higher boiling points are required. These in turn would not evaporate were it not for the best governed by the combustion of the intermediate boiling points.

It will be seen therefore that a complete chain is necessary to give the best results. Combustion starts with the lowest boiling points and flashes on through to the highest, giving instantaneous combustion. If one link is eliminated the power chain is broken.

Only a straight-distilled, all-refinery gasoline can have this "full power chain." The well known 32nd Crown gasoline has the continuous chain of boiling points necessary to give easy starting, full power and long mileage.

Use The Republican Classified Pages for results—read for profit.



R. B. Wetmore, automobile editor of the New York Evening Mail, and party in auto equipped with Goodrich tires on road to Superstition Mountain. Mr. Wetmore is a strong booster for good roads in Arizona.

(By C. H. Howard, local branch manager B. F. Goodrich Rubber Co.)

In the days when the red men of Arizona were on the war path, the Apaches discovered a short cut into the country of the Maricopa Indians over the Apache trail. At the point where the Apache trail comes out the mountains, there stands a solitary butte, which at certain seasons of the year is overhung with heavy mist, giving it a weird and ghastly appearance.

The Maricopas, discovering that the Apaches were on the war path and advancing over this short cut, sent a party of braves into the recesses of this mountain butte. When the scouting party of renegade Apaches, numbering about a hundred warriors, reached the butte, the Maricopas set upon them and not one escaped to tell the tale.

The main tribe of the Apaches, having advanced to within a few miles, sent out another scouting party, which was also slaughtered in the same place. The Apaches, when their scouts failed to return, were convinced that the spirits in the mountains had slain their warriors, and thereafter no Apaches ever entered the haunts of the Maricopas by the route of the lone butte, and on the strength of this legend the butte was called by the white men, Superstition mountain.

Maricopa county has built a good road as far as Superstition mountain, but as it is a dirt road and unpaved, it is expensive from a maintenance standpoint.

Arizona, who are determined the state shall have highways second to none, insist that through state and federal appropriation, the Apache trail from Phoenix to Globe shall be graded and paved and put in such condition that it may be truthfully advertised as one of the greatest assets of the richest and youngest state in the union.

The scenic wonders of the Apache trail are said by world-wide travelers to be unsurpassed. Lovers of nature's beauties in all parts of this scenic route are only waiting to know of this route, and then to find it in such condition that the trip may be made in comfort and ease. When Arizona has improved the Apache trail and has advertised its wonders through the east, every tourist who visits southern California during the winter will also come to Arizona for the purpose of making the trip.

Arizona will be richer for the money left in the state by at least 100,000 tourists a year.

In the foreground of the accompanying picture is shown R. B. Wetmore, automobile editor of the New York Evening Mail, who announces the scenic beauties of the Apache trail unrivalled by any thing he has seen, either in America or Europe. His party made this trip in a Goodrich tire equipped automobile and photographs along the road were frequently made. It is hoped the national touring bureau conducted by the B. F. Goodrich company will lead the state of Arizona by suitably marking this road with their well-known markers, and also include maps and touring information in their nationally distributed touring propaganda.

FIRST WOMAN ON HARVARD FACULTY



Dr. Alice Hamilton.

The first woman to hold a position on the Harvard University faculty will be Dr. Alice Hamilton of Chicago. She has been appointed by the board of overseers as assistant professor of industrial medicine in Harvard medical school. Dr. Hamilton obtained her medical degree from the University of Michigan in 1895. She studied at several other universities in this country and in Europe and since 1910 has been investigating industrial poisons for the federal department of labor.

TIRE DON'TS

- Don't run your car with the wheels out of alignment. Wheels that "don't track" are gluttons for rubber.
- Don't let your inflation get below the point recommended by the tire dealer. Underinflation is keeping thousands of tire builders working overtime.
- Don't overinflate. If you like the sensation of solid tires, buy a wagon.
- Don't ignore small cuts. A patch in time saves dollars.
- Don't buy tires smaller than recommended by the manufacturer for a car of the weight of the one you own. It isn't economy.
- Don't insist upon having Gates Half-

Sole tires applied over carcasses the dealer says are not worth half-soiling.

Don't forget to remove and reverse your inner tubes every three months. They appreciate a change and will pay for it.

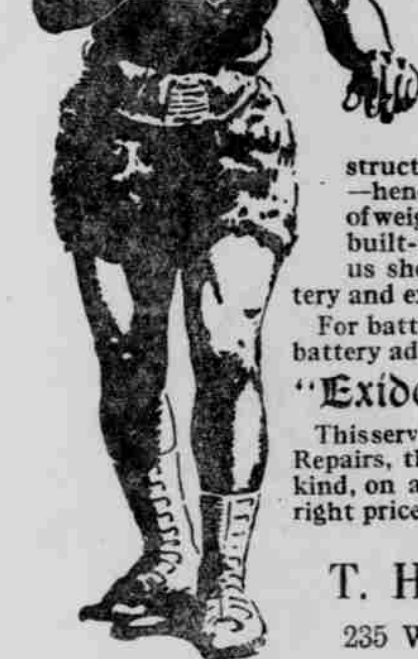
Don't buy a nameless tube or casing. The manufacturer who is afraid to put his name on his product is ashamed of the goods.

Don't blame the tire if it "blows" after standing idle in a warm garage all winter. Tires don't thrive on a hibernation diet of heat, oil and grease.

THE HANDY WOMAN

(From the Omaha Daily News)
"The woman who can't drive a nail," is supposed to be so familiar a type

There is an "Exide" Battery for Your Car



and it will give "punch" and "pep" to your starting system. The space saving "Unit Seal" construction gives extra plate surface—hence greater capacity per unit of weight and volume. This means built-in durability and power. Let us show you your "Exide" Battery and explain its special features.

For battery testing, filling or expert battery advice come to our

"Exide" Service Station

This service is free to all battery users. Repairs, the prompt and satisfactory kind, on any make of battery at the right price.

T. H. SPAULDING

235 West Washington St.

Reif Electric Co.

"Battery Service"

Still at the Old Stand

305 North Central

While the front is being remodeled—Drive in the Van Buren St. entrance

All Kinds of

Electrical Contracting

Estimated

We Stand Back of Our Merchandise

Any time a customer does not get his money's worth of service out of anything purchased from us we are here to make good. You get a double guarantee when you buy here.

First—The guarantee of the manufacturer. Next—Our personal guarantee.

We would rather make a small profit on a large number of customers than a large profit on a few customers.

Horse Shoe Tires

are guaranteed for 5000 miles and are built to stand any kind of roads and any kind of driving.

Remember the Horse Shoe Tread. Tire neglect is costly—Drive around for an inspection—that's what we are here for.

Van's Tire House

C. A. Morey

F. C. Paine

31 South First Avenue

Phone 1081

Opposite Court House

HORSE SHOE SERVICE STATIONS

Wm. Walters
John Morse
Cactus Garage

Glendale
518 W. Van Buren
24 S. First St.

HERE IT IS

CLASS OF SERVICE	SYMBOL	CLASS OF SERVICE	SYMBOL
Day Message	DL	Day Message	DL
Day Letter	DL	Day Letter	DL
Night Message	NL	Night Message	NL
Night Letter	NL	Night Letter	NL

WESTERN UNION TELEGRAM

NEWCOMB CARLTON, PRESIDENT GEORGE W. E. ATKINS, FIRST VICE-PRESIDENT

SEND the following Telegram, subject to the terms on back hereof, which are hereby agreed to.

RECEIVED AT

27GS F 46 NL

SAN DIEGO CALIF MAY 13 1919

G O KIMMICK,

BRANCH MGR SAVAGE TIRE CORPN PHOENIX ARIZ

THE SAVAGE TIRE CORPN ANNOUNCES A SUBSTANTIAL POST WAR REDUCTION IN THE PRICE OF ITS TIRES AND TUBES EFFECTIVE MAY FIFTEENTH. THIS IS IN CONFORMITY WITH OUR ESTABLISHED POLICY TOWARD THE TRADE AND THE PRICE REDUCTION IN NO WAY AFFECTS THE STERLING QUALITY OF OUR PRODUCT.

THE SAVAGE TIRE CORPN MAY 14 634AM

The Savage Tire Corporation announces

New Schedule of Retail List Prices on

SAVAGE TIRES AND TUBES

Effective Thursday, May 15, 1919

All prices not on this schedule, until further notice, are to be taken from price list of May 1, 1918

Sizes.	CASINGS		TUBES	
	Plain	Grip	Gray	Grafitite
30x3	\$13.90	\$15.90	\$2.75	\$3.40
30x3 1/2	17.70	20.15	3.25	3.95
32x3 1/2	20.70	23.60	3.70	4.35
31x4	27.60	31.45	4.50	5.00
32x4	28.20	32.15	4.60	5.35
33x4	29.55	33.75	4.80	5.50
34x4	30.30	34.45	5.00	5.75
34x4 1/2		42.95	5.90	6.65
33x4 1/2	38.90	44.35	6.00	6.75
34x4 1/2	40.15	45.70	6.10	6.90
35x4 1/2	42.05	47.85	6.25	7.10
36x4 1/2	42.70	48.50	6.50	7.50
35x5	49.30	56.10	7.50	8.35
37x5	52.25	59.50	7.80	8.75

THE SAVAGE TIRE CORPORATION

FACTORY BRANCH

42 SOUTH FOURTH AVE., PHOENIX